

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A method for encoding a motion video signal, the method comprising:

- determining a desired size for a first frame of the motion video signal;
- encoding the first frame of the motion video signal to form an encoded frame;
- determining an encoded size of the encoded frame;
- comparing the encoded size to the desired size;
- adjusting an encoding parameter such that encoding the first frame according to the encoding parameter as adjusted would form a different encoded frame having a size closer to the desired size than the encoded size is to the desired size; and
- encoding a second frame of the motion video signal according to the encoding parameter as adjusted.

Claim 2 (original): The method of Claim 1 wherein the second frame is subsequent to the first frame in the motion video signal.

Claim 3 (original): The method of Claim 1 wherein the encoding parameter is a numerical representation of a compromise between consumed bandwidth and image quality of the motion video signal as encoded.

1 Claim 4 (original): The method of Claim 1 wherein the step of adjusting
2 comprises:
3 determining a difference between the encoded size and the desired size; and
4 adjusting the encoding parameter by an amount which is proportional to the
5 difference.

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7 Claims 5-16 (canceled)

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9 Claim 17 (original): A computer readable medium useful in association
10 with a computer which includes a processor and a memory, the computer readable
11 medium including computer instructions which are configured to cause the
12 computer to encode a motion video signal by performing the steps of:
13 determining a desired size for a first frame of the motion video signal;
14 encoding the first frame of the motion video signal to form an encoded
15 frame;
16 determining an encoded size of the encoded frame;
17 comparing the encoded size to the desired size;
18 adjusting an encoding parameter such that encoding the first frame
19 according to the encoding parameter as adjusted would form a different encoded
20 frame having a size closer to the desired size than the encoded size is to the desired
21 size; and
22 encoding a second frame of the motion video signal according to the
23 encoding parameter as adjusted.
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1 Claim 18 (original): The computer readable medium of Claim 17 wherein
2 the second frame is subsequent to the first frame in the motion video signal.

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4 Claim 19 (original): The computer readable medium of Claim 17 where the
5 encoding parameter is a numerical representation of a compromise between
6 consumed bandwidth and image quality of the motion video signal as encoded.

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8 Claim 20 (original): The computer readable medium of Claim 17 wherein
9 the step of adjusting comprises:
10 determining a difference between the encoded size and the desired size; and
11 adjusting the encoding parameter by an amount which is proportional to the
12 difference.

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14 Claims 21-32 (canceled)

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16 Claim 33 (original): A computer system comprising:
17 a processor;
18 a memory operatively coupled to the processor and
19 a motion video signal encoder which executes in the processor from the
20 memory and which, when executed by the processor, causes the computer to
21 encode a motion video signal by performing the steps of:

22 determining a desired size for a first frame of the motion video
23 signal;

24 encoding the first frame of the motion video signal to form an
25 encoded frame;

1 determining an encoded size of the encoded frame;
2 comparing the encoded size to the desired size;
3 adjusting an encoding parameter such that encoding the first frame
4 according to the encoding parameter as adjusted would form a different
5 encoded frame having a size closer to the desired size than the encoded size
6 is to the desired size; and
7 encoding a second frame of the motion video signal according to the
8 encoding parameter as adjusted.

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10 Claim 34 (original): The computer system of Claim 33 wherein the second
11 frame is subsequent to the first frame in the motion video signal.

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13 Claim 35 (original): The computer system of Claim 33 where in the
14 encoding parameter is a numerical representation of a compromise between
15 consumed bandwidth and image quality of the motion video signal as encoded.

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17 Claim 36 (original): The computer system of Claim 33 wherein the step of
18 adjusting comprises:
19 determining a difference between the encoded size and the desired size; and
20 adjusting the encoding parameter by an amount which is proportional to the
21 difference.

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23 Claims 37-48 (canceled)
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1 Claim 49 (new): A computer readable medium comprising instructions
2 which, when executed by a computer, performs the method of Claim 1.
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